BHAGWAN DAS

Junior DevOps

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PROFILE

I am a motivated and dedicated professional passionate about cloud computing and automation. As a Junior DevOps, I possess comprehensive skills in DevOps practices, AWS Services, CI/CD pipelines, Docker Containerization, Orchestration Minikube, Control version Git, and infrastructure-as-code tools like Chef and Ansible. My goal is to contribute my technical expertise in optimizing deployment workflows, ensuring scalability, and excelling in challenging DevOps roles to drive impactful projects.

PROFESSIONAL EXPERIENCE

DevOps Intern.
Ephlux ⧉

7/2025 – Present | Karachi, Pakistan

Electrical & Instrumentation Engr.
Ismail Industries Bisconni Port Qasim ⧉

11/2022 – 06/2024 | Karachi, Pakistan

SKILLS

Operating Systems *(Linux - Ubuntu, CentOS, Amazon Linux)*

Cloud Platforms *(AWS, Azure, GCP)*

AWS Services *(S3, EC2, IAM, Cloud Watch, EBS, Auto Scaling, Load Balancer, Lambda, Route 53 DNS,)*

AWS Networking *(VPC, Subnetting, Route Tables, Security Groups, NAT)*

CI/CD Pipelines *(Jenkins, GitHub Actions, GitLab CI/CD)*

Version Control   *(Git, GitHub, GitLab)*

Containerization *(Docker)*

Container Orchestration *(Kubernetes, Minikube)*

Configuration Management *(Ansible, Chef)*

Programing Languages *(Bash, YAML, Python, Ruby -Basics)*

Soft Skills *(Leadership, Problem Solving, Creativity, Organization Skills, Critical and Visual Thinking)*

PROJECTS

1) Static Portfolio Website ⧉

Deployed and hosted a responsive static portfolio website using AWS S3 and public accessibility.

- Launched my first EC2 instance with Ubuntu and configured Nginx web server for initial portfolio hosting.
- Migrated hosting from EC2 to AWS S3 static website hosting for cost efficiency and simplified maintenance.
- Configured S3 bucket policies for secure public access.
- Implemented version control on S3 to track file changes and enable rollbacks.
- Accessed via S3 website endpoint; achieved 99.9% uptime at minimal cost.

Live Demo: "Portfolio Website"

Tech-Stack: Nginx, AWS, S3 Bucket (Versioning, Policies, Static Hosting), EC2 Instance(Ubuntu), HTML5, CSS, JavaScript.

2) Docker-Apache Deployment via Ansible ↗

Automates Docker installation and Apache container deployment using Ansible on remote Linux servers.

- Created an Ansible playbook (deploy_apache_docker.yml) to automate Docker installation and Apache container deployment on Linux servers.
- Installed the community.docker collection to manage Docker images and containers through Ansible.
- Configured an inventory file with SSH access and applied OS-specific conditions for Docker installation.
- Started and enabled the Docker service, then deployed an Apache container with port 80 exposed to serve web content.
- Validated the deployment using web access and followed Infrastructure-as-Code principles for scalable, repeatable setups.
- Achieved full automation of web server provisioning, reducing manual effort and ensuring consistent deployments across environments.

Tech-Stack: Ansible, Docker, Apache HTTP Server (httpd), Linux (Ubuntu), YAML, SSH, IaC - Infrastructure-as-Code (Playbook).

ACHIEVEMENTS

FYP Shortlisted & Funded - Ignite National Technology Fund (NGIRI-2021)   NED | 2021
Final Year Project: Cryptography of Voice for Secured Communication Using FPGA.

CERTIFICATES

Certification of Google Cloud Platform **(GCP)** Training Workshop Organized byBahria University of Artificial Inteligence Club **(BUAIC)** ↗

Certification Internet of Things (**IoT**) Organized by Presidential Initiative for Artificial Intelligence and Computing **(PIAIC).**   2020 | 2022

LANGUAGES

English   Urdu

EDUCATION

DevOps Foundations   2025 – Present | Karachi, Pakistan
Bano Qabil 4.0.

DevOps   2025 | Karachi, Pakistan
Corvit Karachi.

DevOps   2025 – Present | Karachi, Pakistan
AlNafi

Bachelors of Engineering in Industrial Electronics   2018 – 2022 | Karachi, Pakistan
Institute of Industrial Electronics – NED.
Final Grade: 3.279 CGPA - **Ranked among the Top 10 Students in the Department.**